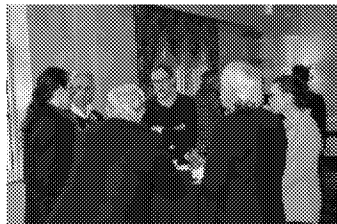
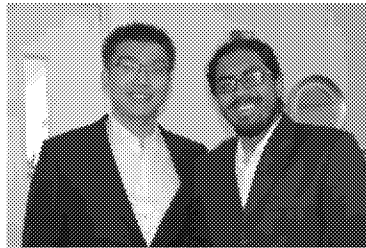
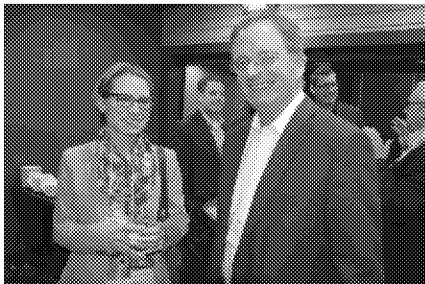
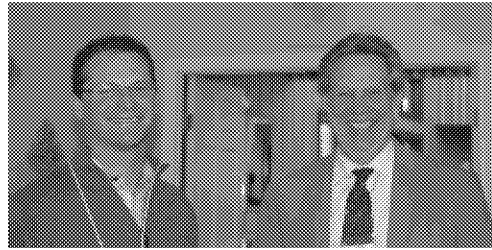


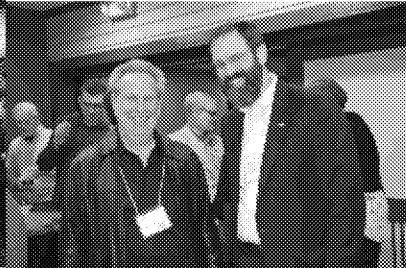
PICTURES FROM THE PAST 17

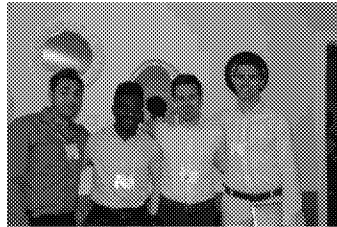
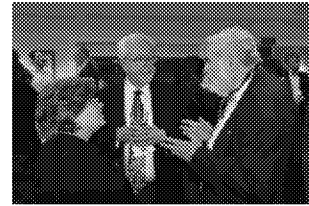
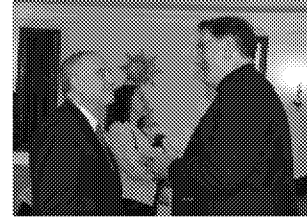
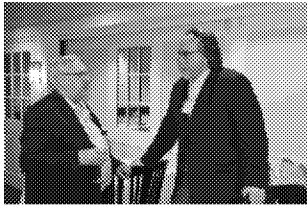
SYMPOSIUM on ENERGY in the 21st CENTURY

Let' s get back together on April 8... We miss each other! Greeting each other in person, discussing and networking is so important...Scroll down to see if you are in these pictures collected from the last 18 years. See if you recognize anyone. Keep scrolling down for other pictures.

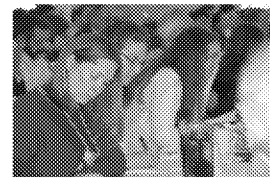


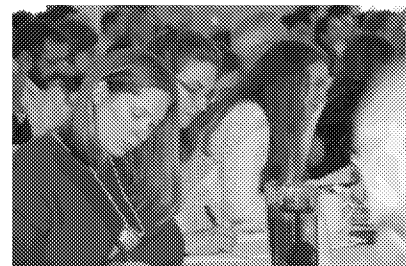


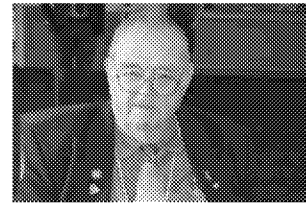
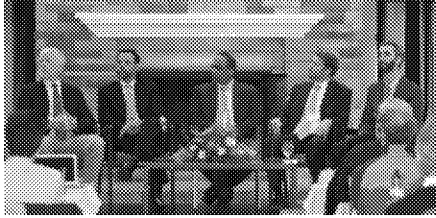




Scroll down for pictures in the hall,
attendees avidly listening to our phenomenal
speakers. See whom you recognize... Then scroll
down for pictures of speakers.









we will come together...

APRIL 8, 2020

Applied Biosystems

TRAVELERS

COVANTA

Engineering & Computer Science

USW

RAV

NRDC

nationalgrid

NYERDA

CYPRESS CREEK

ENREL

Brookfield

NYLCO

DRS

ACE NY

SOLARLIBERTY

The Nature Conservancy

AES

GEM ENERGY

WIRVODS

EPA

GZA

ESA

ADIRONDACK COUNCIL

SIERRA CLUB ATLANTIC CHAPTER

BOND FINE

ENR BUSINESS JOURNAL

SIERRA CLUB

ZONY

ESF

MOST

OUR CLIMATE

CALSARANTAN

WDI

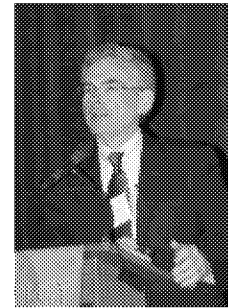
SOME OF OUR PAST SPEAKERS...



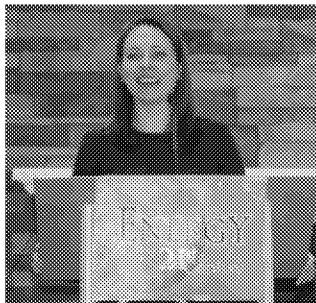
DAVID MOONEY
Manager
Center Strategic Analysis NREL



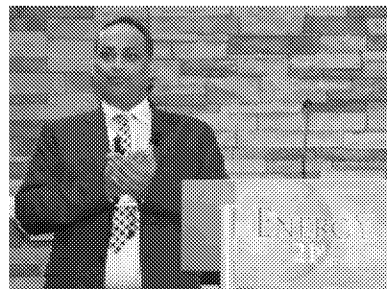
JOHN SHINN
Director District 4
United Steelworkers



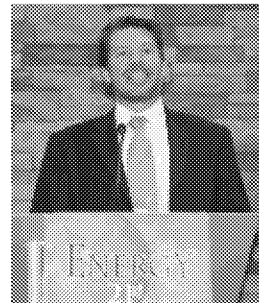
MICHAEL GERRARD
Director Climate Center
Columbia Law School



ALICIA BARTON
President/CEO
NYSERDA



ARUN VEDHATHIRI
Director
New Energy Solutions
National Grid



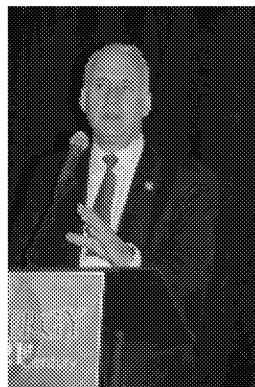
ROSS GOULD
Manager
Energy Sector
WPI



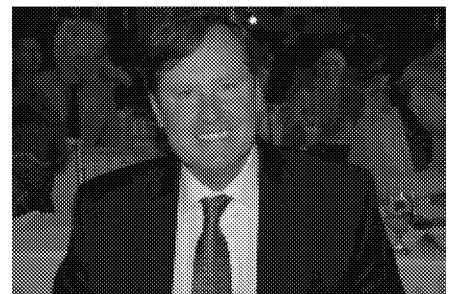
DAVID FELDMAN
Senior Financial Analyst
NREL



JOSE ZAYAS
Program Manager, EERE
US Department of Energy



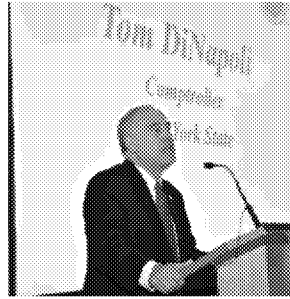
RICHARD KAUFFMAN
Chairman Energy & Finance
NYS Department of State



MATT DRISCOLL y
Commissioner Department of State
NYS Department of Transportation



ALFRED GRIFFIN
President NY GreenBank



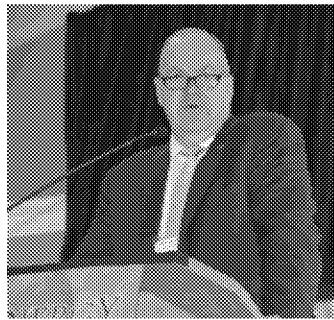
TOM DINAPOLI
NYS Comptroller



JOSEPH BOARDMAN President
President, AMTRAK



JANET JOSEPH
VP NYSEDA
Tech & Strategic Planning



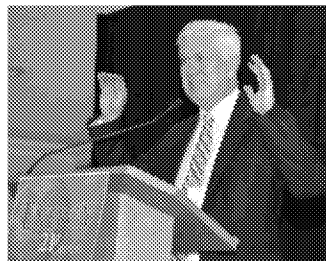
JOHN SHINN
Director, Dist. 4
UNITED STEELWORKERS



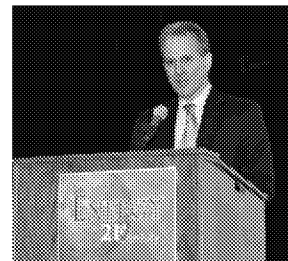
ANNE REYNOLDS
Exec. Dir. ACE NY



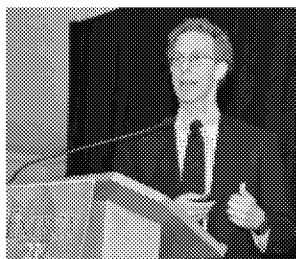
SERGEI MAHNOVSKY
Dir. Energy Policy for NYC



GARRY BROWN
Chairman, NYPSC



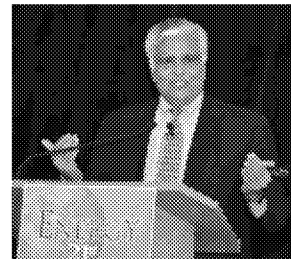
ERIC SCHNEIDERMAN
NYS Attorney General



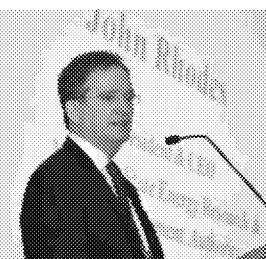
DAN REICHER
Executive Director



CHRIS CARRICK
Program Manager

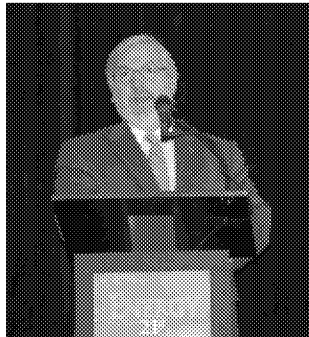


ASHOK GUPTA
Director Programs



JOHN RHODES
President/CEO

**Energy Policy & Finance
Stanford University**



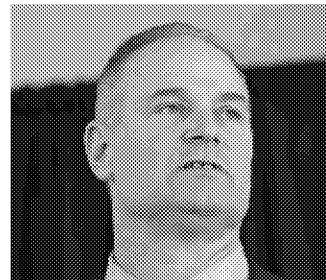
FRANK MURRAY
Pres/CEO NYSERDA

**CNY Regional Planning
Development Board**



BILL MAGNERELLI
NYS Assemblyman

**Senior Economist
NRDC**

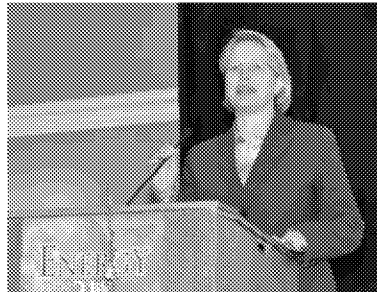


JOHN BRUCKNER
President, NYS National Grid

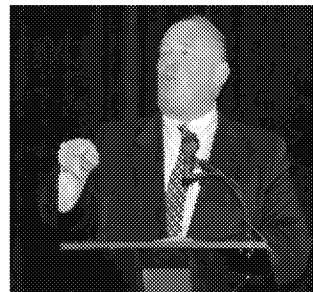
NYSERDA



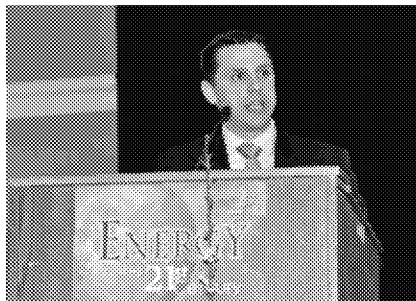
DAN MAFFEI
US Congressman
25TH District



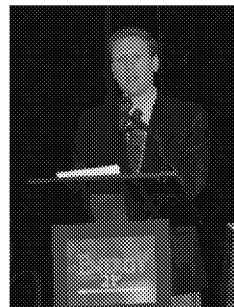
JOANIE MAHONEY
Onondaga County Executive



RICHARD KESSEL
Pres/CEO NY Power Authority



TOM CONGDEN
Deputy Energy Policy & Finance



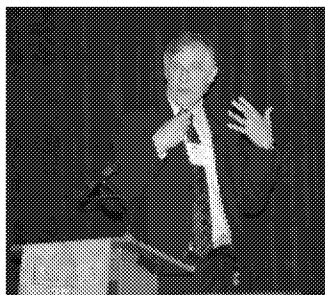
DAVID VALESKY
NYS Senator



KIT KENNEDY
Counsel Air/Energy Program
NRDC



RHEA JEZER



RUGGERO SCHLEICHER-TAPPESER



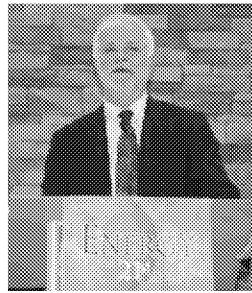
WILLETT KEMPTON

**Symposium Dir/Chair
President, Energy21**



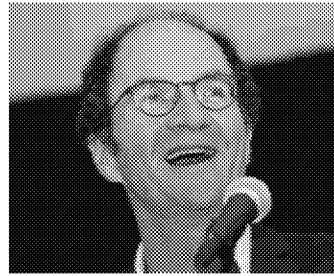
JERRY DAVIS
Senior Engineer
NREL

**Sustainable Strategies
Berlin, Germany**



JOE MARTENS
Commissioner
NYS DEC

**Denmarks Tekniske
Universitet, Denmark**



JEFF LOGAN
Chief Analyst, Strategic Energy
NREL



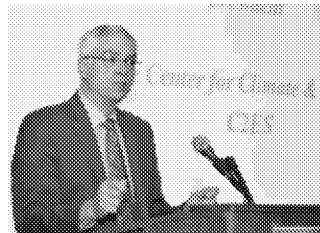
THOMAS KING
USA President
National Grid



RICK FEDRIZZI
Pres/CEO USGBC



JOSE ZAYAS
Director, Cybersecurity
US Department of Energy



BOB PERCIESEPE
President
C2ES



ELEANOR STEIN
NYS PSC



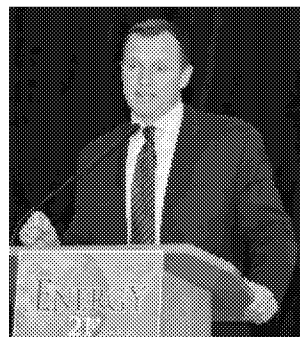
MIKE WILLIAMS
Vice President
Blue/Green Alliance



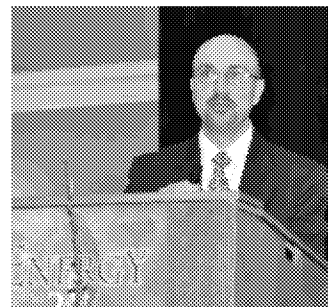
MARSHA WALTON
NYSERDA



BOB CATTELL
Chairman

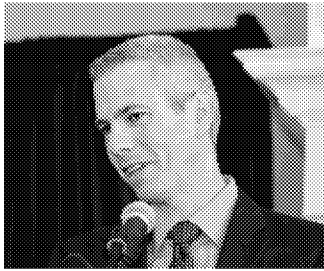


KEN DALY
President



LUKE TONACHEL
Transportation Program

ARTC Stony Brook NYS



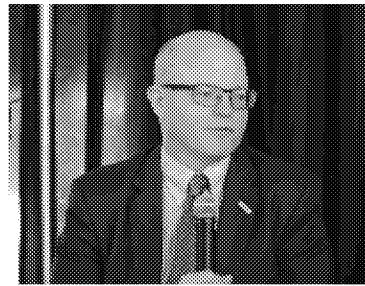
ANTHONY BRINDISI
U.S. Congressman
NY 22nd District

NYS National Grid



JULIE TIGHE
President/CEO
NY LCV

NRDC



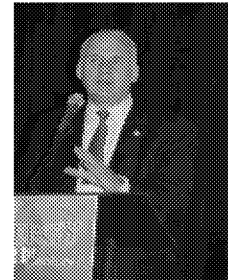
NATE BLAIR
Group Manager
Distributed Systems/Storage NREL



SHERRY BOHLERT
Congressman



AL STIRPE
NYS Assemblyman



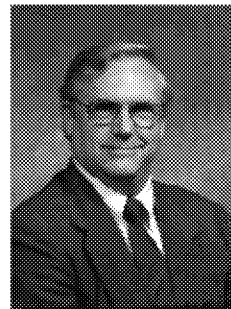
RICHARD KAUFFMAN
Chairman, Energy & Finance
Office of Governor Cuomo



MELANIE LITTLEJOHN
Regional Director
National Grid



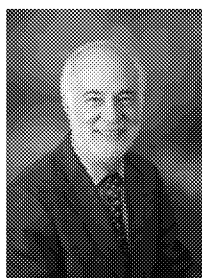
ED BOGUSZ
Executive Director
Syr COE



TOM AMIDON
Professor & Chair
SUNY ESF



MATTEO MURATORI
Lead Alternative Fuels



DANIEL SPERLING
PROF. U. CALIFORNIA



JOSHUAH SPERLING
Urban Energy-X Nexus

NREL
Strategic Advisor USDOE

Director, National Center **NREL**
for Sustainable Transportation



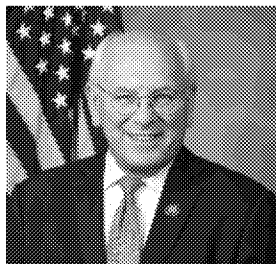
GIL QUINIONES
President/CEO
NY Power Authority



KELLY SPEAKMAN-BACKMAN
CEO Energy Storage Association



CHRIS KELLEY
COO National Grid



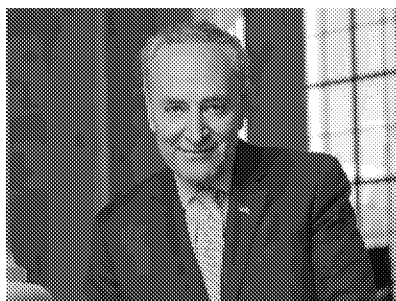
PAUL TONKO
Congressman, NY20
Energy & Environment



ADAM RUDER
Assist.Dir. Clean Transportation
Clean Transportation



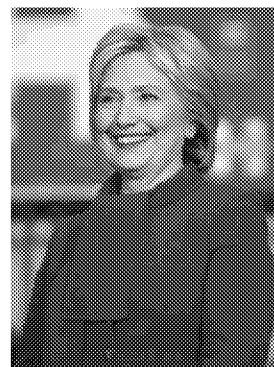
DOREEN HARRIS
President
NYSERDA



CHARLES SCHUMER
US Senate, New York



KIRSTEN GILLIBRAND
US Senate, New York



HILLARY CLINTON
US Senate, New York

***After their presentations, there is an in depth panel discussion for 1 1/2 hours.
Questions are derived from cards submitted from attendees***



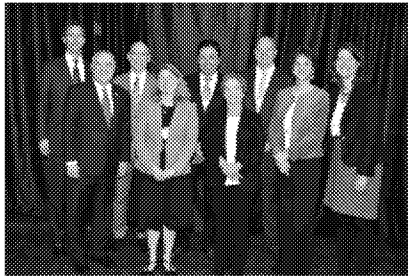
2021 (virtual)



2019



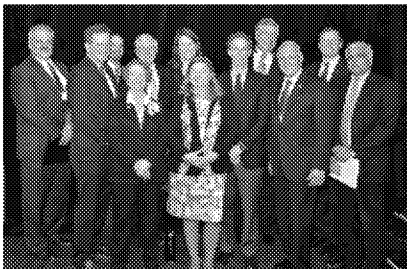
2018



2017



2015



2014



2013



2012



2011

LIST OF PAST SPEAKERS

Rohit Aggarwala, Director NYC Planning & Sustainability

Dr. Thomas Amidon, Prof. & Dir, Empire State Paper Research Institute, SUNY ESF

Dr. Geoff Anderson, President and CEO, Smart Growth America, Washington, D.C.

Mike Arcuri, United States Congressman 26th District

Alicia Barton, President/CEO NYSERDA

David Berg, Chief Advisor/National Energy Policy, U.S. Department of Energy,

Paul Beyer, Director, Smart Growth Planning, N.Y. Department of State

Nate Blair, Group manager, Distributed Systems & Storage Analysis, NREL

Joseph Boardman, President & CEO, AMTRAK

Sherry Boehlert, United States Congressman 26th District

Dr. Ed Bogucz, Exec. Dir. Syracuse Center of Excellence

Anthony Brindisi, United States Congress

Garry Brown, Chairman, Public Service Commission (PSC)

John Bruckner, President NYS National Grid

Dr. Gilbert Brown, Prof./Coordinator Nuclear Engineering Program U.Mass, Lowell

Dale Bryk, Senior Attorney, Natural Resources Defense Council

Dr. Gay Canough, North East Sustainable Energy Association (Solar)

Senator Hillary Clinton, via Video

Thomas Congden, NYS Deputy for Energy

Dr. Ray Cross, President, Morrisville State College

Dr. John Cusack, Exec. Director, New Jersey Higher Education Partnership

Ken Daly, President, National Grid

Matthew Dalbey, Senior Policy Analyst, U.S. Environmental Protection Agency

Jerry Davis, Senior Engineer, NREL

Thomas DiNapoli, New York State Comptroller

Matt Driscoll, Mayor of the City of Syracuse; Commissioner DOT

Dennis Elsenbeck, Western Regional Director, National Grid

Dr. David Feldman, Senior Financial Analyst, NREL

Rick Fredizzi, President/CEO USGBC

David Foster, Senior Advisor, US Department of Energy

Michael Gerrard, Director Climate Center, Columbia Law

Alfred Griffin, President, NY Green Bank

Nathanael Greene, Director Renewable Energy Policy, NRDC

Senator Kirsten Gillibrand Via Video

Ross Gould, Energy Sector Manager, Workforce Development Institute

Alfred Griffin, President, NY Green Bank

Ashok Gupta, Director of Air and Energy NRDC

Jill Harvey, Rural Development, NYSERDA

Ruth Horton, Program Manager, NYSERDA

Erfan Ibrahim, Center Director Cyber-Physical Systems Security, NREL

Dr. Rhea Jezer, President, Energy21 LTD

Janet Joseph Vice President, Technology & Strategic Planning, NYSERDA

Rich Kassel, NRDC, Senior Attorney & Director of Clean Fuels and Vehicles

Richard Kauffman, Chairman, Energy & Finance, NYS Office of Governor Cuomo

Dr. Willard Kempton, Professor Univ. of Delaware/Danmarks Tekniske Universitet

Richard Kessel, President & CEO, New York Power Authority (NYPA)

Kit Kennedy, Special Deputy NYS AG for Environmental Protection, EPB;NRDC

Thomas King, President, National Grid USA

Dan Kolundzic, Vice President, Nanos Research

Mike Langford, President, Utilities Workers of America

Timothy Lattimore, Mayor of the City of Auburn

Peter Lehner, Executive Director, NRDC

Dr. Steven Leibo, Professor, Russel Sage College

Melanie Littlejohn, Regional Director, National Grid

Mike Long, City Manager/Director, City of Auburn

Jeff Logan, Chief Analyst Strategic Energy Analysis Center, NREL

Dr. Pamela MacDougall, Grid Integration, Climate/Clean Energy Program NRDC

Dan Maffei, United States Congressman 25th District

William B. Magnarelli, New York State Assemblyman District 120

Sergei Mahnovski, Director Energy Policy NYC Mayor's Office

Joe Martens, Commissioner DEC; Director NY Offshore Wind Alliance ACE NY

Joanie Mahoney, Executive Director, Onondaga County

Aaron Mair, National President, Sierra Club

David J. Manning, Executive Vice President, National Grid

Dr. Matteo Muratori, Lead Alternative Fuel Vehicles NREL

David Mooney, Center Director, NREL

Bill Moore, PPM Energy (Maple Ridge Windfarm)

Carol Murphy, Executive Director, Alliance for Clean Energy New York

Ed Murphy, Executive director of the Workforce Development Institute (AFL-CIO)

Dr. Neil Murphy, President of SUNY ESF

Frank Murray, President & CEO, NYSERDA

Jake Navarro, Director Clean Transportation, National Grid

Lois New, Climate Program and Partnerships, NYS Office of Climate Change

Dr. John Olenick, NYS Fuel Cell Partnership

Greg Pahl, Author

Bob Perciasepe, President, The Center for Climate & Energy Solutions

Dr. Richard Perez, Atmospheric Sciences Research Center, SUNY-Albany

Dr. Dan Reicher, Director, Steyer-Taylor Policy, Stanford University

Anne Reynolds, Executive Director, ACE New York

John Rhodes, President/CEO NYSERDA Chair NYS Public Service Commission

Sam Roberts, Assemblyman

Peter Savio, NYSERDA

Ruggero Schleicher-Tappeser, Environmental Journalist, Berlin, Germany

Senator Charles Schumer via video

Eric Schneiderman, NY Attorney General

Basil Seggos, Commissioner NYS DEC

Denise Sheehan, Commissioner, NYS DEC

John Shinn, Director District 4, United SteelWorkers

Peter Smith, President, NYSERDA

Jodi Smitz Anderson, Dormitory Authority, Director of Environmental Programs

Theo Spencer, NRDC Senior Project Manager, Climate Center

Dr. Daniel Sperling, Prof. U. of California, Dir. Nat. Center for Sustainable Transportation

Dr. Joshua Sperling, Urban Energy-X Nexus, NREL

Prof. Eleanor Stein, Albany Law School

Dr. Samir Succar , Senior Energy Analyst, NRDC

Julie Tighe, President NYLCV

Luke Tonachel, Senior Analyst, Energy Transportation NRDC

Paul Tonko, Congressman NY20 Via video

David Valesky, New York State Senator

Arun Vedhathiri, Director, New Energy Solutions, National Grid

Dr. Timothy Volk, SUNY College of Environmental Science and Forestry (Biomass)

Marsha Walton, Senior Project Manager, NYSERDA

Douglas Ward, American Wind Energy Association (Fuel Cells)

Herman Wiegman, Principal Engineer, General Electric Research Center

Mike Williams, Vice President, Blue/Green Alliance

Jose Zayas, EERE Program Manager Wind/Water USDOE

Audrey Zibelman Commissioner, NYS Public Service Commission

